PCT





INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:

(11) International Publication Number:

WO 00/44319

A61F 2/44, 2/46

A1

(43) International Publication Date:

3 August 2000 (03.08.00)

(21) International Application Number:

PCT/IL00/00058

(22) International Filing Date:

27 January 2000 (27.01.00)

(30) Priority Data:

128261

27 January 1999 (27.01.99)

IL

(71) Applicant (for all designated States except US): DISC-O-TECH MEDICAL TECHNOLOGIES, [IL/IL]; Hasadnaot Street 3, 46728 Herzelia (IL).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): GLOBERMAN, Oren [IL/IL]; Derech Haganim Street 30, 46910 Kfar-Shmaryahu (IL). SHENHAV, Boaz [IL/IL]; Yehuda Hanassi Street 111, 46448 Herzelia (IL). SHAVIT, Ronen [IL/IL]; Weinshal Street 5, 69413 Tel Aviv (IL).
- (74) Agents: FENSTER, Paul et al.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: EXPANDABLE INTERVERTEBRAL SPACER

(57) Abstract

An expandable spacer, comprising: an axial tube having a surface, a proximal end and a distal end and a length, wherein, said surface defines a plurality of slits. said plurality of slits defining at least two axially displaced extensions, such that when said tube is axially compressed, said extensions extend out of said surface and define a geometry of an expanded spacer. Preferably the spacer is adapted to be inserted between two spinal vertebrae of a human.



